Claims

What is claimed is:

1. An attachment device for attaching an implement-positioning device to a load-bearing member, comprising:

a base member;

a coupling member for adjustably attaching the base member to the load-bearing member; and

an attachment means for attaching the implement-positioning device to the coupling member.

2. The attachment device of claim 1 wherein the coupling member comprises at least one mechanical fastener.

3. The attachment device of claim 3 wherein the coupling member further comprises at least one aperture sized to receive the mechanical fastener.

4. The attachment device of claim 1 wherein the coupling member comprises at least one clamp adapted to clamp the coupling member with the load-bearing member.

5. The attachment device of claim 4 wherein:

the load-bearing member comprises a bottom plate;

the clamp comprises a top portion to engage the bottom plate; and

the clamp comprises a bottom portion to engage a top surface of the base member.

6. The attachment device of claim 1 wherein the coupling member is attachable to the load-bearing member at a preselected location along the load-bearing member.

7. The attachment device of claim 1 further comprising at least one separation device positionable between the load-bearing member and the base member.

8. The attachment device of claim 7 wherein the at least one separation device comprises a thickness adjustment device for adjusting a thickness of the at least one separation device.

9. The attachment device of claim 8 wherein the thickness adjustment device comprises:

a plurality of wedges each having an aperture;

a mechanical fastener, having an end portion and having a diameter smaller than each aperture; and

a nut sized to engage the end portion.

10. The attachment device of claim 1 wherein the attachment means comprises:

at least one flange having a flange aperture adapted to be substantially concentrically aligned with an implement-positioning device aperture; and

a pin sized for placement within the flange aperture and the implement-positioning device aperture.

11. A method for using an attachment device for adjustably attaching an implement-positioning device, having a cylinder end, to a load-

bearing member, the attachment device comprising a base member and a coupling member for removably attaching the base member to the load-bearing member, comprising:

unfastening the coupling member;

positioning the base member to a preselected location along the load-bearing member; and

removably attaching the base member to the preselected location with the coupling member.

12. The method of claim 11 wherein the coupling member comprises at least one mechanical fastener.

13. The method of claim 11 wherein the coupling member comprises at least one clamp.

14. The method of claim 13 further comprising adjusting the distance between the cylinder end of the implement-positioning device and the load-bearing member.

15. The method of claim 14 wherein adjusting the distance between the cylinder end of the implement-positioning device and the load-bearing member comprises providing an at least one separation device, having an end portion, between the base member and the load-bearing member.

16. The method of claim 15 further comprising adjusting the thickness of the at least one separation device.

17. The method of claim 16 wherein adjusting the thickness of the at least one separation device comprises applying pressure to the end portion of the at least one separation device.

18. The method of claim 17 wherein applying the pressure to the end portion of the at least one separation device is by use of a mechanical fastener.

19. A work machine, comprising a load-bearing member having an implement-positioning device infinitely attachable along a length of the load-bearing member.

20. The work machine of claim 19, further comprising:

a first implement and a second implement;

wherein the implement-positioning device is operably attached to the second implement for adjustably controlling the movement of the second implement.